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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/834,511	04/13/2001	Tadamasa Kitsukawa	50P4372	5818

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EXAMINER

CHUNG, JASON J

ART UNIT

PAPER NUMBER

2611

DATE MAILED: 04/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/834,511

Applicant(s)

KITSUKAWA ET AL.

Examiner

Jason J. Chung

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1, 20-22, 27, 32-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shah-Nazaroff (US Patent # 6,317,881) in view of Smith (US Patent # 6,742,033).

Regarding claim 1, Shah-Nazaroff discloses prompting 130 at least one consumer via the interactive television (column 2, line 62-column 3, line 4 and column 7, line 45) for input regarding topics of interest (column 3, lines 23-32).

Shah-Nazaroff discloses receiving consumer input regarding topics of interest (column 3, lines 48-55).

Shah-Nazaroff discloses transmitting the consumer input to a server 170 (column 3, lines 56-62).

Shah Nazaroff discloses the system 100 receives cable 824, satellite 826, and/or Internet 828 (column 8, line 59-column 9, line 9). Moreover, Shah-Nazaroff discloses downloading Internet content regarding topics of interest to the interactive television (column 4, lines 20-26; downloading: column 7, lines 20-42). However, Shah-Nazaroff is silent to disclosing **prior to receiving a consumer request** for the Internet content. In analogous art, Smith discloses downloading the Internet content regarding topics of interest to the system prior to receiving a consumer request for the Internet content for the benefit of conserving memory resources and

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bandwidth (column 4, line 36-column 5, line 12). Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Shah-Nazaroff to have downloading prior to receiving a consumer request for the Internet content as taught by Smith for the benefit of conserving memory resources and bandwidth.

Regarding claim 20, (claim 15 rejection is below) Shah-Nazaroff discloses prompting 130 at least one consumer via the interactive television for input regarding topics of interest (column 3, lines 23-32). However, Shah-Nazaroff fails to disclose priority of topics of interest. In analogous art, Smith discloses priority of the topics of interest (column 6, lines 9-20) for the benefit of presenting content at the appropriate time of day (column 4, line 63-column 5, line 12). Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Shah-Nazaroff to have priority of topics of interest as taught by Smith in order to present content at the appropriate time of day.

Regarding claim 21, Shah-Nazaroff in view of Smith discloses logic means for receiving consumer input (Shah-Nazaroff: consumer input) regarding priority of the topics of interest (Smith: priority) and logic means for transmitting the consumer input to a server (Shah-Nazaroff: transmitting).

Regarding claim 22, Smith discloses logic means for determining priority of Internet content relevant to topics of Interest (column 6, lines 9-20) and logic means for downloading content relevant to the topic of interest at least on the priority (column 4, line 62-column 5, line 12).

Regarding claim 27, the limitations in claim 27 have been met in claim 1 rejection.

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Regarding claims 32-34, the limitations in claims 32-34 have been met in claims 20-22 rejections.

2. Claims 2-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith in view of Lawler (US Patent # 5,699,107).

Regarding claim 2, Smith discloses determining at least one topic of interest for at least one consumer (column 4, line 62-column 5, line 12).

Smith fails to disclose notifying the...topic of interest. In analogous art, Lawler discloses notifying (reminder: column 11, lines 40-67) the consumer via the interactive television regarding content concerning the topic of interest (column 12, lines 35-43). Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Smith to notify the...topic of interest as taught by Lawler in order to remind the user that there is content available to their liking.

Regarding claims 3-4, Smith in view of Lawler discloses downloading the Internet content regarding topics of interest to the system prior to receiving a consumer request for the Internet content (Smith: column 4, line 36-column 5, line 12).

3. Claims 5-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith in view of Lawler in further view of Shah-Nazaroff.

Regarding claim 5, Smith in view of Lawler fails to disclose prompting the...topic of interest. In analogous art, Shah-Nazaroff discloses prompting 130 the consumer via the interactive television for input regarding topics of interest (column 3, lines 23-32). Accordingly, it would have been obvious to one of ordinary skill in the art at the invention was made to

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modify Smith in view of Lawler to have prompting the...topic of interest as taught by Shah-Nazaroff so the user can explicitly disclose there preferences.

Regarding claim 6, Shah-Nazaroff has met the limitations in claim 1 rejections.

Regarding claim 7, Shah-Nazaroff discloses the server 170 (claim 1 rejection) is a web server (column 9, lines 7-9).

Regarding claim 8, Shah-Nazaroff discloses the server 170 (claim 1 rejection) is an interactive television server (cable or satellite: column 8, lines 59-65).

Regarding claim 9, Smith in view of Lawler in further view of Shah-Nazaroff discloses prompting the consumer via the interactive television (Shah-Nazaroff: prompting, claim 1 rejection) for input regarding priority of the topics of interest (Smith: column 6, lines 9-20).

Regarding claim 10, Smith in view of Lawler in further view of Shah-Nazaroff discloses receiving consumer input (Shah-Nazaroff: consumer input) regarding priority of topics of interest (Smith: priority of topics) and transmitting the consumer input to a server (Shah-Nazaroff: transmitting to server).

Regarding claim 11, Smith discloses determining priority of Internet content relevant to the topics of interest and downloading content relevant to the topic of interest based on the priority (column 6, lines 9-20).

Regarding claim 12, Smith in view of Lawler discloses monitoring consumer responses to interactive television system server (Lawler: column 12, lines 16-21) and establishing at least one consumer interest pattern (Smith: column 4, line 63-column 5, line 12).

Smith in view of Lawler fails to disclose the server inquiring. In analogous art, Shah-Nazaroff discloses a server 170 inquiring for the benefit of generating ratings based on feedback

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(column 3, lines 5-15). Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Smith in view of Lawler to have the server inquiring as taught by Shah-Nazaroff for the benefit of generating ratings based on feedback.

Regarding claim 13, Smith discloses recording 202 the consumer interest pattern (column 7, lines 21-41).

Regarding claim 14, Smith discloses filtering future server queries at least partially based on the consumer interest pattern (column 7, lines 42-61).

4. Claims 16-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shah-Nazaroff in view of Lawler.

Regarding claim 16, Shah-Nazaroff discloses logic means for determining at least one topic of interest for at least one consumer (column 7, lines 10-19 and figure 6)

Shah-Nazaroff fails to disclose logic means for notifying...topic of interest. In analogous art, Lawler discloses notifying (reminder: column 11, lines 40-67) the consumer via the interactive television regarding content concerning the topic of interest (column 12, lines 35-43). Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Shah-Nazaroff to include logic means for notifying the...topic of interest as taught by Lawler in order to remind the user that there is content available to their liking.

Regarding claim 17, Shah-Nazaroff discloses logic means for downloading the content to the interactive television (column 7, lines 39-41).

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 15, 18-19, 23-26, 28-31, 35-37 are rejected under 35 U.S.C. 102(e) as being anticipated by Shah-Nazaroff.

Regarding claim 15, Shah-Nazaroff at least one Web server having Internet content stored therein (Internet: column 8, line 59-column 9, line 9; system 100 “receives input **from any or all of the following sources**”).

Shah-Nazaroff discloses at least one interactive television system server (cable or satellite: column 8, lines 59-65).

Shah-Nazaroff discloses at least one interactive television 802 (column 2, line 62-column 3, line 4 and column 7, line 45), the interactive television receiving Internet content at least from the Web server (column 9, lines 7-9), the interactive television system server including a program for automatically downloading content to the interactive television relevant to topics of interest to at least one consumer (column 4, lines 20-26; downloading topics of interest: column 7, lines 20-42).

Regarding claims 18-19, Shah-Nazaroff has met the limitations in claim 1 rejection.

Regarding claim 23, Shah-Nazaroff discloses logic means for monitoring consumer responses (column 7, lines 10-19) to interactive television system server inquiries to establish at least one consumer interest pattern (column 7, lines 20-42).

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Regarding claim 24, Shah-Nazaroff discloses logic means for recording the consumer interest pattern (column 3, lines 5-15).

Regarding claim 25, Shah-Nazaroff discloses logic means for filtering future server queries at least partially based on the consumer interest pattern (profile stored at server: column 3, line 63-column 4, line 19; list including relevant programs column 7, lines 20-42)

Regarding claim 26, the limitations in claim 26 have been met in claim 15 rejection.

Regarding claims 28-29, the limitations in claims 28-29 have been met in claims 18-19 rejections.

Regarding claim 30-31, the limitations in claims 30-31 have been met in claim 15 rejections.

Regarding claims 35-37, the limitations in claims 35-37 have been met in claims 23-25 rejections.

Conclusion

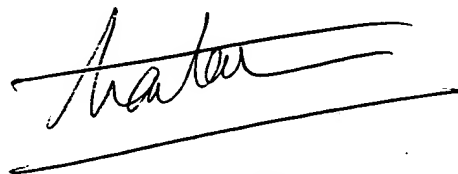
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason J. Chung whose telephone number is (571) 272-7292. The examiner can normally be reached on M-F, 7:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571) 272-7294. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JJC

A handwritten signature in black ink, appearing to read 'Hai Tran', is written over two horizontal lines.

**HAI TRAN
PRIMARY EXAMINER**